

AMENDMENTS TO CLAIMS

1. (Currently Amended) A resin, C, consisting essentially of the reaction product of a polyamidoamine A with K, wherein K is a crosslinking agent consisting essentially of a at least one polyepoxide selected from the class-group consisting of glycerol triglycidyl ether (triglycidyl glycerol), triphenylmethane triglycidyl ether, trimethylolethane triglycidyl ether, trimethylolpropane triglycidyl ether, 1,2,4-butanetriol triglycidyl ether, 1,2,6-hexanetriol triglycidyl ether, 1,2,3-heptanetriol triglycidyl ether, pentaerythritol triglycidyl ether, 1,1,1,-tris(4-hydroxyphenyl)-ethane triglycidyl ether, calix [4] arene triglycidyl ether, calix[6]arene triglycidyl ether, 4-t-butylcalix[4]arene triglycidyl ether, 4-t-butylcalix[6]arene triglycidyl ether, pyrogallol triglycidyl ether, 1,2,4-benzenetriol triglycidyl ether, phloroglucinol triglycidyl ether, and triglycidylisocyanurate.

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Currently amended) The resin of claim 1, wherein the suitable polyamidoamine is selected from the group consisting of adipic acid-diethylenetriamine, dimethylglutarate-diethylene triamine, caprolactam-itaconic acid-diethylene triamine, caprolactam itaconic acid- 6 aminohexanoic acid-diethylenetriamineacid-diethylenetriamine, and methylbisamino-propylamine-oxalic acid-urea.

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (~~currently amended~~Previously Presented) The resin according to claim 1 9, wherein the polyepoxide is triglycidylisocyanurate.

11. (Cancelled)

12. (Original) The resin according to claim 1, wherein A is in solution, the solution having a solids content from about 30% to about 70% by weight based on solids.

13. (Currently amended) The resin, $[[\mathcal{C}]]\mathcal{C}$ of claim 6 wherein K is tryglycidylisocyanurate.

14. (Currently amended) A process for preparing the a resin of claim 1, $[[\mathcal{C}]]\mathcal{C}$, which comprises reacting polyamidoamine A with crosslinking agent K.

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Original) The process according to claim 14, wherein A is in solution, the solution having a solids content from about 30% to about 70% by weight based on solids.

26. (Cancelled)

27. (Cancelled)

28. (Cancelled)

29. (Cancelled)